

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/10704

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B01J19/18 B01J19/24 C08F10/00 C08F2/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B01J C08F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 307 238 A (DAINIPPON INK & CHEMICALS) 15 March 1989 (1989-03-15) page 3, line 5 - line 32; figure ----	1,10-15
A	US 5 602 216 A (JUVET JACQUES) 11 February 1997 (1997-02-11) the whole document ----	1,10-15
A	EP 0 516 037 A (NESTE OY) 2 December 1992 (1992-12-02) the whole document ----	1,10-15
A	DE 26 34 471 A (SEIFERT WILHELM) 2 February 1978 (1978-02-02) page 6, paragraph 4 -page 7, line 19 page 8, paragraph 4 -page 10, line 13; figures -----	1,10

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- *&* document member of the same patent family

Date of the actual completion of the international search

15 December 2003

Date of mailing of the international search report

22/12/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Van Belleghem, W

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/10704

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0307238	A	15-03-1989	JP 1070507 A	16-03-1989
			JP 2560342 B2	04-12-1996
			CA 1308854 C	13-10-1992
			DE 3880242 D1	19-05-1993
			DE 3880242 T2	21-10-1993
			EP 0307238 A2	15-03-1989
			US 4948847 A	14-08-1990
US 5602216	A	11-02-1997	EP 0755945 A1	29-01-1997
			AU 706258 B2	10-06-1999
			AU 6066696 A	30-01-1997
			CA 2181633 A1	27-01-1997
			DE 59504339 D1	07-01-1999
			JP 9040704 A	10-02-1997
EP 0516037	A	02-12-1992	FI 912602 A	01-12-1992
			EP 0516037 A2	02-12-1992
			JP 5230107 A	07-09-1993
DE 2634471	A	02-02-1978	DE 2634471 A1	02-02-1978